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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/873,689	06/04/2001	Kevin A. Deats	10005683-1	4778

7590 07/29/2004

HEWLETT-PACKARD COMPANY
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EXAMINER

GOLD, AVI M

ART UNIT PAPER NUMBER

2157

DATE MAILED: 07/29/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/873,689

Applicant(s)

DEATS, KEVIN A.

Examiner

Avi Gold

Art Unit

2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 04 June 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-17 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

This action is responsive to the application filed June 4, 2001. Claims 1-17 are pending. Claims 1-17 represent method and system for reporting event data to requesting subscribers.

Specification

1. The disclosure is objected to because of the following informalities: status of related applications needs to be updated. Appropriate correction is required.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-12 and 17 are rejected under 35 U.S.C. 102(e) as being anticipated by Ghannam et al., U.S. Patent No. 6,651,062.

Ghannam teaches the invention as claimed including management of data among distributed computer systems (see abstract).

Regarding claim 1, Ghannam teaches a method for reporting event data to requesting subscribers using a manufacturing repository for collecting event data that is connected to a subscriber profile system for storing information relating to subscribers and a production system for storing information relating to manufacturing, comprising the steps of:

gathering event data from a plurality of devices connected to the manufacturing repository (col. 3, lines 3-10, Ghannam discloses network data aggregated from multiple data sources into a data warehouse);

saving the event data to a database (col. 3, lines 3-10);

notifying designated subscribers according to criteria indicated by subscriber profiles (col. 27, lines 15-27, Ghannam discloses parameters set by users to determine what information is presented to them); and,

generating selectively subscription reports according to criteria indicated by subscriber profiles (col. 27, lines 15-27, Ghannam discloses user utilization statistics).

Regarding claim 2, Ghannam teaches the method according to claim 1 wherein the event data further comprises information relating to any one from the group of region, manufacture, model or customer identification (col. 7, lines 18-41, Ghannam discloses configuration data).

Regarding claim 3, Ghannam teaches the method according to claim 1 wherein the subscription report comprises information in the form of text, tables, charts and/or graphs (col. 27, lines 15-27, Ghannam discloses statistics in a graph).

Regarding claim 4, Ghannam teaches the method according to claim 1 further comprising the step of sending the subscription report to a requesting subscriber (col. 27, lines 15-27).

Regarding claim 5, Ghannam teaches the method according to claim 1 further comprising the steps:

requesting to set up or change a subscriber profile (col. 27, lines 15-27, Ghannam discloses parameters set by a user);
entering new subscriber information to a subscriber profile (col. 27, lines 15-27);
and,
saving the new subscriber profile to the manufacturing repository (col. 25, lines 39-59, Ghannam discloses saving policy information in a database).

Regarding claim 6, Ghannam teaches the method according to claim 5 wherein said step of entering new subscriber information further comprising the steps of:

entering contact information of the subscriber (col. 27, lines 15-27, Ghannam discloses sending back statistics to an administrator);
entering subscriber's desired notification request (col. 27, lines 15-27);

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entering subscription report criteria (col. 27, lines 15-27); and,
entering designated time cycle for subscription report (col. 27, lines 15-27,
Ghannam discloses links of systems based on a specified time period).

Regarding claim 7, Ghannam teaches the method according to claim 6 wherein
the time cycle includes any one from the group of none, daily, weekly, monthly,
quarterly or yearly (col. 27, lines 15-27).

Regarding claim 8, Ghannam teaches the method according to claim 5 wherein,
prior to said step of saving new subscriber profile, further comprising the steps of:

sending the new subscriber profile to the manufacturing repository (col. 25, lines
39-59); and,

receiving the new subscriber profile by the manufacturing repository (col. 25,
lines 39-59).

Regarding claim 9, Ghannam teaches the method according to claim 1 wherein,
prior to said step of gathering event data, further comprising the steps of:

sending the event data to the manufacturing repository (col. 3, lines 3-10); and,
receiving the event data by the manufacturing repository (col. 3, lines 3-10).

Regarding claim 10, Ghannam teaches the method according to claim 1 wherein
said step of notifying designated subscribers further comprising the steps of:

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searching the subscriber profile for notification requests for the event data according to the requested criteria;
determining whether there is any notification requests for the event data;
composing notifications for each notification request determined in the subscriber profile; and,
sending out the notifications to the requesting subscriber (col. 27, lines 15-27).

Regarding claim 11, Ghannam teaches the method according to claim 10 further comprising the step of idling until the manufacturing repository receives the event data (col. 25, lines 60-67, col. 26, lines 23-34, Ghannam discloses an idle mode).

Regarding claim 12, Ghannam teaches the method according to claim 10 wherein the indicated criteria includes any one from the group of event occurrence by page count, event occurrence by region, event occurrence by manufacturing information, event occurrence by device model, or event occurrence by customer (col. 7, lines 18-41, Ghannam discloses topology data).

Claim 17 does not teach or define any new limitations above claim 1 and therefore is rejected for similar reasons.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 13-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ghannam further in view of Bowman-Amuah, U.S. Patent No. 6,571,282.

Ghannam teaches the invention substantially as claimed including management of data among distributed computer systems (see abstract).

As to claim 13, Ghannam teaches the method of claim 1.

Ghannam fails to teach the limitation further including the use of scheduled subscription reports.

However, Bowman-Amuah teaches optimizing a response time when locating a list of data for displaying or processing purposes (see abstract). Bowman-Amuah teaches the use of scheduled reports (col. 113, lines 34-40).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Ghannam in view of Bowman-Amuah to use scheduled subscription reports. One would be motivated to do so because it would allow for automatic preparation of subscription reports.

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Regarding claim 14, Ghannam teaches the method according to claim 13 further comprising the step of updating information from the subscriber profile (col. 27, lines 15-27).

Regarding claim 15, Ghannam teaches the method according to claim 13 further comprising the steps of:

accessing the information relating to the manufacturing from the production system; and,

updating information from the production system (col. 3, lines 3-10).

Regarding claim 16, Ghannam teaches the method according to claim 13 further comprising the steps of:

sorting the information for the scheduled subscription report according to the criteria of the requesting subscriber profile; and,

formatting the information to generate the report (col. 27, lines 15-27).

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U.S. Pat. No. 6,516,427 to Keyes et al.

U.S. Pat. No. 6,631,247 to Motoyama et al.

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U.S. Pat. No. 6,587,735 to Yaguchi.

U.S. Pat. No. 5,155,842 to Rubin.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Avi Gold whose telephone number is 703-305-8762.

The examiner can normally be reached on M-F 8:00-5:30 (1st Friday Off).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on 703-308-7562. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

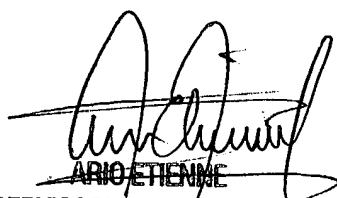
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Avi Gold

Patent Examiner

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AMG


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